

INTERNATIONAL SEARCH REPORT

International Application No

CT/BR2004/000114

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H02P23/00 H02P27/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 325 037 A (JEONG JAE H) 28 June 1994 (1994-06-28) column 5, line 20 - line 34; claim 1; figures 3,5	1,11, 18-28
X	EP 0 312 686 A (GULTON IND INC) 26 April 1989 (1989-04-26) column 7, line 46 - column 8, line 32; claim 1; figures 2-4,6	1,11,18
Y		10,30-32
Y	US 5 450 521 A (REDLICH ROBERT W) 12 September 1995 (1995-09-12) cited in the application column 1, line 8; claim 1	10,30-32
A	US 6 280 147 B1 (RYAN LIAM ET AL) 28 August 2001 (2001-08-28) column 4, line 61 - line 63; figure 5 column 5, line 54 - line 57	1,11,18

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 October 2004

Date of mailing of the international search report

27/10/2004

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5325037	A	28-06-1994	KR 9306378 B1 JP 5252793 A	14-07-1993 28-09-1993
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US 5450521	A	12-09-1995	NONE	
US 6280147	B1	28-08-2001	US 6174136 B1 WO 0179693 A2 EP 1121529 A2 JP 2002527669 T WO 0022298 A2	16-01-2001 25-10-2001 08-08-2001 27-08-2002 20-04-2000